**Outline**

Sign-up for GitHub and begin using this project management tool. Review terms of service and identify the main features of a Content Management System. Create projects in the cloud for the course, and initialize a synchronize local repositories for these projects.

**Objectives**

* Use standard backup procedures to back up user files.
* Use software tools (e.g., email, wikis, blogs, task lists, bulletin boards, spreadsheets, shared calendars) to plan and track activities during a software development project;
* Use project management tools (e.g., Gantt chart, PERT chart) and time management tools (e.g., organizer, calendar) to help develop a software project;

**Resources**

* Website: <https://github.com>
* TOS: <https://help.github.com/articles/github-terms-of-service/>
* Privacy: <https://help.github.com/articles/github-privacy-statement/>

**Level 1: Privacy & Terms of Service**

Understanding Privacy and Terms of Service agreements is a critical part of computer literacy. This is especially important now that companies are aggressively collecting and selling your personal information.

Research and answer the following questions by saving your work in a Word document as follows:

1. Go to: “https://github.com/Greg5519/ICS3C0”
2. Open the folder “Topic D Environment And Systems”
3. Select the file “Mod D1.1 GitHub Introduction”
4. Download the file and save it to your student folder on the network
5. Rename the file to “Mod D1.1 Answers” and edit to include your answers
6. Research about “Terms of Service Agreements” and identify at least 3 main features of a terms of service agreement.

The terms of service agreements is a legal agreement that someone must agree to in order to use/ or gain access to a website or application. Three main features that the terns if service agreements has are one being you get to own your content meaning As the website owner, you’re the owner of your logo, content (except for user-generated content, as most websites will inform users that any content created by users is theirs), the design of the website, and so on. The second main feature is that you can terminate accounts which can prevent abuse and or bullying. The last main feature is that you can keep your confidential information a secret.

1. Review the GitHub terms of service. (<https://help.github.com/articles/github-terms-of-service/>)
   1. Are you permitted to use this software for this class? Copy and highlight the section that conforms this permission.
   2. What rights do you give up by using this software?
   3. What limitations do you have when using this software?
2. Research about “Privacy Policy Agreements” and identify at least 3 main features of a privacy policy.

A private policy is a statement or a legal document that explains how it gathers, uses, discloses and manages an individual’s data. One main feature is notice. The data collector must be clear of what they are going to do with the information before even gathering it. Secondly, access is one. This is because the individual agreeing to the privacy policy should be able to view or access the accuracy of personal data collected. Lastly, security. The companies should be responsible for the security of the information they have, and this is due to hackers trying to get it or even leak it.

1. Review the GitHub privacy policy. (<https://help.github.com/articles/github-privacy-statement/>)
   1. What information does GitHub collect and track?

GitHub tracks information in two different ways. From website browsers or from an individual has an account. If someone is browsing the website, they use cookies and web server logs. They collect information from everybody if they have an account or not. They collect the information because they want to know who visits the site and to monitor and protect the security of the site. For individuals with accounts they require basic information, and this is when someone creates their account. They collect that information because GitHub needs to provide services they request which can help them out.

* 1. How does GitHub share your information? Copy and highlight the section that talks about information sharing.

According to GitHub they do share information but that is with your permission. This is so they can perform services you have requested to communicate on your behalf. They do not share, sell, rent, or trade user personal information with third parties for their commercial purposes, unless an individual has told GitHub to do so.

We do share User Personal Information with your permission, so we can perform services you have requested or communicate on your behalf. For example, if you purchase an integration or other Developer Product from our Marketplace, we will share your account name to allow the integrator to provide you services. Additionally, you may indicate, through your actions on GitHub, that you are willing to share your User Personal Information. For example, if you join an organization, the owner of the organization will have the ability to view your activity in the organization's access log. We will respect your choices.

1. We **do not** share, sell, rent, or trade User Personal Information with third parties for their commercial purposes, except where you have specifically told us to (such as by buying an integration from Marketplace).
   1. What information does GitHub collect and track?
   2. How does GitHub share your information? Copy and highlight the section that talks about information sharing.
   3. How does GitHub communicate with you?
2. Explain how a “Privacy Policy” is different from a “Terms of Service” agreement.

**Level 2: Sign-up for GitHub**

GitHub will be used to share course files in a similar way to MyClass or D2L. The reason we are using GitHub is because this is the tool preferred by many software developers and is the most common way to share computer code on the internet.

The Peel School Board is concerned about the privacy and safety of its students and has issued the following guidelines for using third party applications:

* Do not provide: First & Last Name
* Do not provide: Birthday
* Do not provide: Personal Address & Contact Information
* Do not provide: Student Number
* Your @pdsb.net email address can be used but cannot be used as a login id.

1. Based on your understanding of the GitHub privacy policy, list two benefits and two drawbacks of following the Peel Board guidelines listed above.
2. Based on your understanding of the Peel Board guidelines listed above, plan what information you will provide when creating your GitHub account. Include the following:
   * User ID
   * Password
   * Email Address
3. Create an account on GitHub.com using information the follows the Peel Board guidelines listed above. Make sure to select the free student plan when creating your account.
4. Create a new project repository for your ICS module work.
   1. Give your repository a meaningful name like “ICS2O0\_Work”
   2. Make sure to select “Include a ReadMe file”
5. Email Mr. Nestor (p0079141@pdsb.net) the following information:
   1. Your Name
   2. The link to your repository

**Level 3: Organizing Your Personal GitHub Repository**

Your personal GitHub repository will be used to store and manage your work for this course. You should save partially completed work in your repository and you can update it at any time from school or at home. GitHub automatically keeps track of updates to your files. You should NEVER make multiple VERSION COPIES of your work files.

Your repository should be shared with your teacher and with other members of your work group.

Work will be submitted (handed in) by uploading it to your repository and by telling your teacher (by email) that it is complete. ONLY work uploaded to your repository will be considered handed in and will be marked.

1. Sign in to GitHub: <https://help.github.com/>
2. Locate user “Greg5519” (Mr. Nestor). Open the class repository related to your course and section. (e.g. “ICS3C0”, “ICS2O0” etc.) Bookmark this repository as it will be the source for all course information and lesson files (much like D2L or Google Classroom is used by other teachers).
3. Note the structure and organization of Mr. Nestor’s repository. In particular, note the folders such as “Topic 1 Computer Concepts” etc.
4. Duplicate the organization structure and folder names in your personal repository. Your personal GitHub repository will be used to upload and manage your work completed for this course. Your repository needs to be well organized so that Mr. Nestor can easily find your work and give you credit for it.
   1. NOTE: There is a “trick” required to create folders in GitHub. See if you can find this trick and share it with your neighbours.
5. Upload your answers to this module (i.e. the “Mod D1.1 Answers” Word file your created for   
   Level 1). Make sure to store it in the proper folder.
6. Email Mr. Nestor ([p0079141@pdsb.net](mailto:p0079141@pdsb.net)) when you have completed this work.